

## SMALL GRAIN VARIETY YIELD COMPARISON

Ronald E. Cluff, Graham County Agriculture Agent; David K. Parsons, Assistant Extension Specialist; Lee J. Clark, Agricultural Research Spec.

Dennis Layton, Cooperator, Thatcher, AZ.

Elevation: 2900 ft.

### Crop History:

Planted: February 1, 1985

Seeding: 200 lbs/Ac.

Harvested: July 3, 1985

Previous Crop: Cotton

Insecticide: None

Weed Control: None

### Fertilizer:

Source	Lbs/Ac.	Time of Applic.	Lbs N/Ac.	Lbs P205/Ac.
16-20-0	300	1 Feb 1985	48	60
Urea	150	20 Mar 1985	<u>68</u>	<u>0</u>
Total			116	60

Irrigation: After irrigation for germination, plots were watered five with Gila River water. Total for the season was estimated be 36 acre in/Ac.

Plot Size: 12 x 320 ft.

### DURHAM WHEATS

	YIELD (lbs./ac)					
	Rep <u>1</u>	Rep <u>2</u>	Rep <u>3</u>	Avg (lbs)	Ht (in)	Bu Wt (lbs)
Aldura	5301	5280	5355	5312	27	61
Yavaros	4376	4805	4912	4698	27	61
Mexicali	3137	4852	4471	4153	27	60
WB 1000 D	3595	4227	4625	4149	26	57
LSD (10)				682	-	-

### BREAD WHEATS

Glennson	4038	4698	4863	4533	25	62
Yecora Rojo	4043	4703	4312	4353	25	63
Westbred 911	3805	4195	4312	4104	21	61
Probred	-	4449	-	4449	24	62
LSD (10)				311	-	-

### BARLEY

Gustoe	3232	3838	3571	3547	26	51
Gus	2847	3805	2638	3097	24	50
NK 409	2527	3088	2745	2786	23	46
LSD (05)				565	-	-

All yields adjusted to a 10% moisture content. Excessively wet soil at planting time and bird damage reduced stands and yields.